



# Samarius, Inc.

300 SEYMOUR AVENUE • DERBY, CONNECTICUT

PHONE: 203-735-7405

December 16, 1966.

T. Nelson Sys. Cons.,  
Box 1546,  
Poughkeepsie,  
N.Y. 12603.

Subject: Your request for Literature

Gentlemen:

Enclosed herewith is our catalog fly-sheet covering our Model SW200 Rotary Switch which you requested.

This is a precision switch made to customer's specifications for various conducting angles. It employs a unique manufacturing process wherein small prototype quantities can be economically produced. Also, the ganging features enable it to be ganged to the Samarius Model BC200 precision potentiometer supplied as a ball bearing servo mount, or as a panel mount sleeve bearing.

We sincerely trust the above will prove satisfactory. If any additional information is required, please do not hesitate to contact us.

Samarius Inc., manufactures a complete line of precision potentiometers and variable resistors and we would like the opportunity of working with you on your present or future requirements. Our complete catalog is available upon request.

Thanking you for the interest shown our products, we remain,

Yours very truly,  
*Richard C. Heitz*  
SAMARIUS INC.,

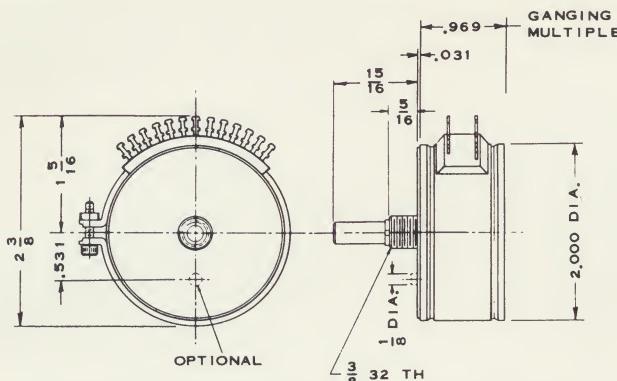
Richard C. Heitz,  
Sales Manager.

# SERIES SW200P—SW200

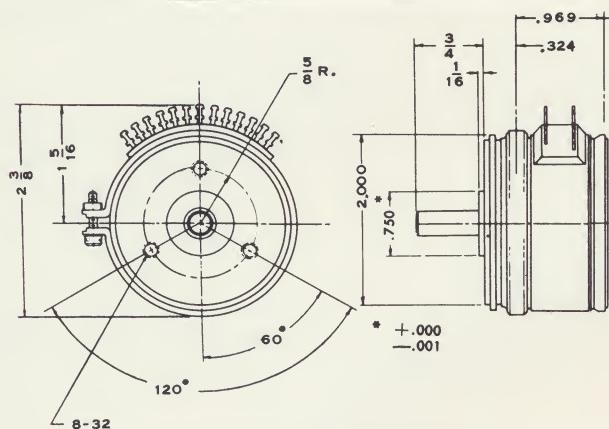
## 2"

### SLEEVE & BALL BEARING ROTARY SWITCHES

# SAMARIUS



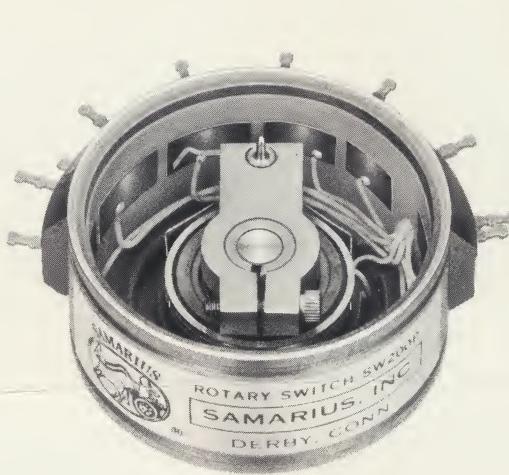
**SW200P SINGLE HOLE MOUNTING  
SLEEVE BEARING**



**SW200 SERVO MOUNTING  
BALL BEARING**

SAMARIUS Rotary Switches are precision made units wherein special conducting lengths can be supplied to customer's specification. Angle tolerance held within  $\pm 1^\circ$ . These units incorporate all the features of the BC200 line of potentiometers and can be ganged to same to accomplish potentiometer and switching arrangement.

When requesting more information, send sketch indicating length and position of segments.



**PRECISION SWITCHES**

#### ELECTRICAL SPECIFICATIONS

Conducting current—100 millamps.  
Conducting material—precious metal.  
Nominal zero resistance ribbon conducting material.  
Switch angles to  $1^\circ$ , up to a  $360^\circ$  section.

#### MECHANICAL SPECIFICATIONS

**CONTACT MATERIALS:** 3-wiper Paliney contact brush, precious metal slip ring contacts.

**ROTATIONAL LIFE:** Over 1,000,000 cycles.

**CASE:** Precision machined aluminum and molded diallyl phthalate liner and terminal board.

**SHAFT:** .2495 to .2498 diameter, precision ground stainless steel, passivated for maximum corrosion resistance.

**TERMINALS:** Stand-off type, gold plated brass.

**INSULATION:** Fungus resistant insulating materials, withstand 1000 volts AC breakdown.

**TORQUE:** Sleeve 1 in. oz. max. Ball bearings .6 oz. in. max.

PRECISION POTENTIOMETER SPECIALISTS FOR OVER 30 YEARS



# SAMARIUS INC.

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